

WEST[Help](#) [Logout](#) [Interrupt](#)[Main Menu](#) [Search Form](#) [Posting Counts](#) [Show S Numbers](#) [Edit S Numbers](#) [Preferences](#) [Cases](#)**Search Results -**

Term	Documents
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6475611S	0
"6475611".USPT,PGPB,JPAB,EPAB.	1
(6475611).USPT,PGPB,JPAB,EPAB.	1

Database:

US Patents Full-Text Database
 US Pre-Grant Publication Full-Text Database
 JPO Abstracts Database
 EPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L8

Refine Search

Clear

Recall Text

Search HistoryDATE: Tuesday, April 15, 2003 [Printable Copy](#) [Create Case](#)

Set Name	Query	Hit Count	Set Name
side by side			result set

DB=USPT,PGPB,JPAB,EPAB; THES=ASSIGNEE; PLUR=YES; OP=ADJ

<u>L8</u>	6475611	1	<u>L8</u>
<u>L7</u>	5589262	8	<u>L7</u>
<u>L6</u>	5922456	8	<u>L6</u>
<u>L5</u>	6248416	6	<u>L5</u>
<u>L4</u>	5576085	7	<u>L4</u>
<u>L3</u>	20020055020	1	<u>L3</u>
<u>L2</u>	20010019786	1	<u>L2</u>
<u>L1</u>	(2001/0019786)	0	<u>L1</u>

END OF SEARCH HISTORY

WEST**Search Results - Record(s) 1 through 1 of 1 returned.**

1. Document ID: US 6475611 B1

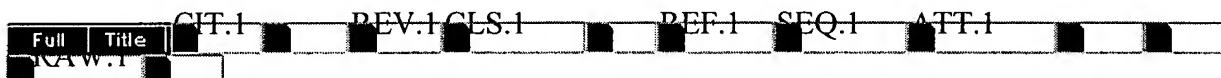
L8: Entry 1 of 1

File: USPT

Nov 5, 2002

US-PAT-NO: 6475611DOCUMENT-IDENTIFIER: US 6475611 B1

TITLE: Si-containing seedlayer design for multilayer media



Term	Documents
"6475611".EPAB,JPAB,USPT,PGPB.	1
6475611S	0
"6475611".USPT,PGPB,JPAB,EPAB.	1
(6475611).USPT,PGPB,JPAB,EPAB.	1

Display Format: Previous Page Next Page

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 8 of 8 returned.** 1. Document ID: US 6524730 B1

L7: Entry 1 of 8

File: USPT

Feb 25, 2003

US-PAT-NO: 6524730

DOCUMENT-IDENTIFIER: US 6524730 B1

TITLE: NiFe-containing soft magnetic layer design for multilayer media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

 2. Document ID: US 6495252 B1

L7: Entry 2 of 8

File: USPT

Dec 17, 2002

US-PAT-NO: 6495252

DOCUMENT-IDENTIFIER: US 6495252 B1

TITLE: Magnetic recording medium with superparamagnetic underlayer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

 3. Document ID: US 6270885 B1

L7: Entry 3 of 8

File: USPT

Aug 7, 2001

US-PAT-NO: 6270885

DOCUMENT-IDENTIFIER: US 6270885 B1

TITLE: Perpendicular magnetic recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

 4. Document ID: US 6221218 B1

L7: Entry 4 of 8

File: USPT

Apr 24, 2001

US-PAT-NO: 6221218

DOCUMENT-IDENTIFIER: US 6221218 B1

TITLE: Method of forming an inductive write head for magnetic data storage media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC
Draw Desc Image											

5. Document ID: US 6204995 B1

L7: Entry 5 of 8

File: USPT

Mar 20, 2001

US-PAT-NO: 6204995

DOCUMENT-IDENTIFIER: US 6204995 B1

TITLE: Magnetic disc apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC	
Draw Desc Image											

6. Document ID: US 6190764 B1

L7: Entry 6 of 8

File: USPT

Feb 20, 2001

US-PAT-NO: 6190764

DOCUMENT-IDENTIFIER: US 6190764 B1

TITLE: Inductive write head for magnetic data storage media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC	
Draw Desc Image											

7. Document ID: US 5863631 A

L7: Entry 7 of 8

File: USPT

Jan 26, 1999

US-PAT-NO: 5863631

DOCUMENT-IDENTIFIER: US 5863631 A

TITLE: Perpendicular magnetic recording medium and magnetic recording device using the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC	
Draw Desc Image											

8. Document ID: US 5589262 A

L7: Entry 8 of 8

File: USPT

Dec 31, 1996

US-PAT-NO: 5589262

DOCUMENT-IDENTIFIER: US 5589262 A

** See image for Certificate of Correction **

TITLE: Perpendicular magnetic recording medium having a soft magnetic underlayer with a stripe magnetic domain structure

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

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WEST**Search Results - Record(s) 1 through 8 of 8 returned.**

1. Document ID: US 6541125 B2

L6: Entry 1 of 8

File: USPT

Apr 1, 2003

US-PAT-NO: 6541125

DOCUMENT-IDENTIFIER: US 6541125 B2

TITLE: Magnetic recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

2. Document ID: US 6541104 B2

L6: Entry 2 of 8

File: USPT

Apr 1, 2003

US-PAT-NO: 6541104

DOCUMENT-IDENTIFIER: US 6541104 B2

TITLE: Magnetic recording medium and a magnetic recording device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

3. Document ID: US 6221481 B1

L6: Entry 3 of 8

File: USPT

Apr 24, 2001

US-PAT-NO: 6221481

DOCUMENT-IDENTIFIER: US 6221481 B1

TITLE: High Cr, low saturation magnetization intermediate magnetic layer for high coercivity and low medium noise

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

4. Document ID: US 6210819 B1

L6: Entry 4 of 8

File: USPT

Apr 3, 2001

US-PAT-NO: 6210819

DOCUMENT-IDENTIFIER: US 6210819 B1

TITLE: Magnetic recording media having a CrTi underlayer deposited under a substrate bias

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KUMC				

5. Document ID: US 6207269 B1

L6: Entry 5 of 8

File: USPT

Mar 27, 2001

US-PAT-NO: 6207269

DOCUMENT-IDENTIFIER: US 6207269 B1

TITLE: High substrate bias sputtering underlayer for longitudinal recording media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KUMC				

6. Document ID: US 6150016 A

L6: Entry 6 of 8

File: USPT

Nov 21, 2000

US-PAT-NO: 6150016

DOCUMENT-IDENTIFIER: US 6150016 A

TITLE: High coercivity magnetic recording medium comprising a thin CoCrTa intermediate layer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KUMC				

7. Document ID: US 6020060 A

L6: Entry 7 of 8

File: USPT

Feb 1, 2000

US-PAT-NO: 6020060

DOCUMENT-IDENTIFIER: US 6020060 A

TITLE: Magnetic recording medium, process for producing the same and magnetic disk device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KUMC				

8. Document ID: US 5922456 A

L6: Entry 8 of 8

File: USPT

Jul 13, 1999

US-PAT-NO: 5922456

DOCUMENT-IDENTIFIER: US 5922456 A

TITLE: Longitudinal magnetic recording medium having a multi-layered underlayer and

magnetic storage apparatus using such magnetic recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
Draw Desc	Image									

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WEST**Search Results - Record(s) 1 through 8 of 8 returned.**

1. Document ID: US 6541125 B2

L6: Entry 1 of 8

File: USPT

Apr 1, 2003

US-PAT-NO: 6541125

DOCUMENT-IDENTIFIER: US 6541125 B2

TITLE: Magnetic recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								KWIC

2. Document ID: US 6541104 B2

L6: Entry 2 of 8

File: USPT

Apr 1, 2003

US-PAT-NO: 6541104

DOCUMENT-IDENTIFIER: US 6541104 B2

TITLE: Magnetic recording medium and a magnetic recording device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								KWIC

3. Document ID: US 6221481 B1

L6: Entry 3 of 8

File: USPT

Apr 24, 2001

US-PAT-NO: 6221481

DOCUMENT-IDENTIFIER: US 6221481 B1

TITLE: High Cr, low saturation magnetization intermediate magnetic layer for high coercivity and low medium noise

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								KWIC

4. Document ID: US 6210819 B1

L6: Entry 4 of 8

File: USPT

Apr 3, 2001

US-PAT-NO: 6210819

DOCUMENT-IDENTIFIER: US 6210819 B1

TITLE: Magnetic recording media having a CrTi underlayer deposited under a substrate bias

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

5. Document ID: US 6207269 B1

L6: Entry 5 of 8

File: USPT

Mar 27, 2001

US-PAT-NO: 6207269

DOCUMENT-IDENTIFIER: US 6207269 B1

TITLE: High substrate bias sputtering underlayer for longitudinal recording media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

6. Document ID: US 6150016 A

L6: Entry 6 of 8

File: USPT

Nov 21, 2000

US-PAT-NO: 6150016

DOCUMENT-IDENTIFIER: US 6150016 A

TITLE: High coercivity magnetic recording medium comprising a thin CoCrTa intermediate layer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

7. Document ID: US 6020060 A

L6: Entry 7 of 8

File: USPT

Feb 1, 2000

US-PAT-NO: 6020060

DOCUMENT-IDENTIFIER: US 6020060 A

TITLE: Magnetic recording medium, process for producing the same and magnetic disk device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

8. Document ID: US 5922456 A

L6: Entry 8 of 8

File: USPT

Jul 13, 1999

US-PAT-NO: 5922456

DOCUMENT-IDENTIFIER: US 5922456 A

TITLE: Longitudinal magnetic recording medium having a multi-layered underlayer and

magnetic storage apparatus using such magnetic recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWMC
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WEST**Search Results - Record(s) 1 through 6 of 6 returned.**

1. Document ID: US 6541104 B2

L5: Entry 1 of 6

File: USPT

Apr 1, 2003

US-PAT-NO: 6541104

DOCUMENT-IDENTIFIER: US 6541104 B2

TITLE: Magnetic recording medium and a magnetic recording device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

2. Document ID: US 6537638 B2

L5: Entry 2 of 6

File: USPT

Mar 25, 2003

US-PAT-NO: 6537638

DOCUMENT-IDENTIFIER: US 6537638 B2

TITLE: Magnetic recording disk with perpendicular magnetic recording layer and multilayered underlayer structure

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

3. Document ID: US 6511761 B1

L5: Entry 3 of 6

File: USPT

Jan 28, 2003

US-PAT-NO: 6511761

DOCUMENT-IDENTIFIER: US 6511761 B1

TITLE: Magnetic recording media and magnetic storage apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

4. Document ID: US 6428906 B1

L5: Entry 4 of 6

File: USPT

Aug 6, 2002

US-PAT-NO: 6428906

DOCUMENT-IDENTIFIER: US 6428906 B1

TITLE: Magnetic recording media having a layered structure for perpendicular magnetization of a recording layer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

5: Document ID: US 6423431 B1

L5: Entry 5 of 6

File: USPT

Jul 23, 2002

US-PAT-NO: 6423431

DOCUMENT-IDENTIFIER: US 6423431 B1

TITLE: Magnetic recording media having improved magnetic and parametric performance with chromium alloy underlayer having added aluminum

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

6. Document ID: US 6248416 B1

L5: Entry 6 of 6

File: USPT

Jun 19, 2001

US-PAT-NO: 6248416

DOCUMENT-IDENTIFIER: US 6248416 B1

** See image for Certificate of Correction **

TITLE: Highly oriented magnetic thin films, recording media, transducers, devices made therefrom and methods of making

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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[Print](#)

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WEST**Search Results - Record(s) 1 through 7 of 7 returned.**

1. Document ID: US 6524730 B1

L4: Entry 1 of 7

File: USPT

Feb 25, 2003

US-PAT-NO: 6524730

DOCUMENT-IDENTIFIER: US 6524730 B1

TITLE: NiFe-containing soft magnetic layer design for multilayer media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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2. Document ID: US 6106445 A

L4: Entry 2 of 7

File: USPT

Aug 22, 2000

US-PAT-NO: 6106445

DOCUMENT-IDENTIFIER: US 6106445 A

TITLE: Ergonomic, passive exercise chair with passive exercise headrest

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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3. Document ID: US 6077603 A

L4: Entry 3 of 7

File: USPT

Jun 20, 2000

US-PAT-NO: 6077603

DOCUMENT-IDENTIFIER: US 6077603 A

TITLE: Seeded underlayer in magnetic thin films

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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4. Document ID: US 6001446 A

L4: Entry 4 of 7

File: USPT

Dec 14, 1999

US-PAT-NO: 6001446

DOCUMENT-IDENTIFIER: US 6001446 A

TITLE: Magnetic recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

5. Document ID: US 5861220 A

L4: Entry 5 of 7

File: USPT

Jan 19, 1999

US-PAT-NO: 5861220

DOCUMENT-IDENTIFIER: US 5861220 A

TITLE: Method and apparatus for providing a magnetic storage and reproducing media with a keeper layer having a longitudinal anisotropy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

6. Document ID: US 5858566 A

L4: Entry 6 of 7

File: USPT

Jan 12, 1999

US-PAT-NO: 5858566

DOCUMENT-IDENTIFIER: US 5858566 A

TITLE: Seeded underlayer in magnetic thin films

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

7. Document ID: US 5576085 A

L4: Entry 7 of 7

File: USPT

Nov 19, 1996

US-PAT-NO: 5576085

DOCUMENT-IDENTIFIER: US 5576085 A

TITLE: Thin-film recording medium with soft magnetic layer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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[Generate Collection](#)[Print](#)

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 7 of 7 returned.**

1. Document ID: US 6524730 B1

L4: Entry 1 of 7

File: USPT

Feb 25, 2003

US-PAT-NO: 6524730

DOCUMENT-IDENTIFIER: US 6524730 B1

TITLE: NiFe-containing soft magnetic layer design for multilayer media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KM/C
Draw Desc	Image									

2. Document ID: US 6106445 A

L4: Entry 2 of 7

File: USPT

Aug 22, 2000

US-PAT-NO: 6106445

DOCUMENT-IDENTIFIER: US 6106445 A

TITLE: Ergonomic, passive exercise chair with passive exercise headrest

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KM/C
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3. Document ID: US 6077603 A

L4: Entry 3 of 7

File: USPT

Jun 20, 2000

US-PAT-NO: 6077603

DOCUMENT-IDENTIFIER: US 6077603 A

TITLE: Seeded underlayer in magnetic thin films

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KM/C
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4. Document ID: US 6001446 A

L4: Entry 4 of 7

File: USPT

Dec 14, 1999

US-PAT-NO: 6001446

DOCUMENT-IDENTIFIER: US 6001446 A

TITLE: Magnetic recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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5. Document ID: US 5861220 A

L4: Entry 5 of 7

File: USPT

Jan 19, 1999

US-PAT-NO: 5861220

DOCUMENT-IDENTIFIER: US 5861220 A

TITLE: Method and apparatus for providing a magnetic storage and reproducing media with a keeper layer having a longitudinal anisotropy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

6. Document ID: US 5858566 A

L4: Entry 6 of 7

File: USPT

Jan 12, 1999

US-PAT-NO: 5858566

DOCUMENT-IDENTIFIER: US 5858566 A

TITLE: Seeded underlayer in magnetic thin films

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

7. Document ID: US 5576085 A

L4: Entry 7 of 7

File: USPT

Nov 19, 1996

US-PAT-NO: 5576085

DOCUMENT-IDENTIFIER: US 5576085 A

TITLE: Thin-film recording medium with soft magnetic layer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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WEST**Search Results - Record(s) 1 through 1 of 1 returned.**

1. Document ID: US 20020055020 A1

L3: Entry 1 of 1

File: PGPB

May 9, 2002

PGPUB-DOCUMENT-NUMBER: 20020055020

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020055020 A1

TITLE: Magnetic recording medium and magnetic recording apparatus using the same

PUBLICATION-DATE: May 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Futamoto, Masaaki	Kanagawa-ken		JP	
Inaba, Nobuyuki	Hasuda-shi		JP	
Hirayama, Yoshiyuki	Kodaira-shi		JP	
Honda, Yukio	Fuchu-shi		JP	
Yoshida, Kazuetsu	Hidaka-shi		JP	
Ito, Kenya	Hachioji-shi		JP	

US-CL-CURRENT: 428/694TS

Term	Documents
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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 1 of 1 returned.**

1. Document ID: US 20010019786 A1

L2: Entry 1 of 1

File: PGPB

Sep 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010019786

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010019786 A1

TITLE: Magnetic recording medium and magnetic recording apparatus

PUBLICATION-DATE: September 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ikeda, Hiroyuki	Kanagawa		JP	

US-CL-CURRENT: 428/694TM

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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1	15228	(428/64.\$ or 428/65.\$ or 428/611 or 428/336 or 428/693 or 428/694\$ or 428/900).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/15 12:33
2	6588	(428/64.\$ or 428/65.\$ or 427/131 or 204/192.15 or 204/192.2 or 360/313 or 360/267\$).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/15 12:35
3	4495	(427/131 or 204/192.15 or 204/192.2 or 360/313 or 360/267\$).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/15 12:35

L Number	Hits	Search Text	DB	Time stamp
-	273289	(360/\$ or 428/\$).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:11
-	82456	((360/\$ or 428/\$).CCLS.) and magnetic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:11
-	54370	((((360/\$ or 428/\$).CCLS.) and magnetic) and recording	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:11
-	297	((((360/\$ or 428/\$).CCLS.) and magnetic) and recording) and (underlayer same perpendicular)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:13
-	184	(((((360/\$ or 428/\$).CCLS.) and magnetic) and recording) and (underlayer same perpendicular)) and "perpendicular magnetic"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:14
-	89	(((((360/\$ or 428/\$).CCLS.) and magnetic) and recording) and (underlayer same perpendicular)) and "perpendicular magnetic") and coercivity	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:15
-	72	((((((360/\$ or 428/\$).CCLS.) and magnetic) and recording) and (underlayer same perpendicular)) and "perpendicular magnetic") and coercivity) and (perpendicular same coercivity)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:19
-	54	((((((360/\$ or 428/\$).CCLS.) and magnetic) and recording) and (underlayer same perpendicular)) and "perpendicular magnetic") and coercivity) and (perpendicular same coercivity)) and (coercivity same thick\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:32
-	39	((((((360/\$ or 428/\$).CCLS.) and magnetic) and recording) and (underlayer same perpendicular)) and "perpendicular magnetic") and coercivity) and (perpendicular same coercivity)) and (coercivity same thick\$)) and soft	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:33
-	36	((((((360/\$ or 428/\$).CCLS.) and magnetic) and recording) and (underlayer same perpendicular)) and "perpendicular magnetic") and coercivity) and (perpendicular same coercivity)) and (coercivity same thick\$)) and soft) and "soft magnetic"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:33